

**Name:**

**Cyber Security Worksheet: Use the following website for this worksheet –**  
<http://www.albany.edu/its/besecure.htm>

**1. Define the following terms:**

Bots:

Hackers:

Malware:

Password Cracking:

Social Engineering:

Spyware:

**2. Explain what a backdoor is:**

**3. How do systems become bots?**

**4. Define Bot Master(s) and BotNets**

**5. Explain the following types of Malware:**

Backdoor:

Rootkits:

**6. Explain these three types of crack attacks:**

Dictionary attacks

Brute force attacks

Hybrid attacks

Social Engineering Attacks

**7. Explain the following social engineering techniques.**

Impersonation & Pulling Rank:

Conformity:

Helplessness:

Surveys:

Shoulder Surfing & Eavesdropping:

**8. Explain the following Social Engineering Tactics**

Links-Legit and Illicit:

Phishing:

Identity Theft:

**9. What are six preventive measures you can take to protect against social engineering attacks?**

**10. Why is Spyware such a threat to personal information security?**

**11. What is a keylogger?**